## EAST Search History

| Ref# | Hits    | Search Query   | DBs                            | Default<br>Operator | Plurals | Time Stamp          |
|------|---------|--|--------------------------------|---------------------|---------|---------------------|
| S3   | 0       | token and 709/203.clas.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/03/04<br>09:14 |
| S4   | 1009    | token and 709/203.ccls.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/03/04<br>09:14 |
| S5   | 4542    | token.ab.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/03/04<br>09:14 |
| S6   | 46      | S4 and S5  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/03/04<br>09:15 |
| S7   | 1       | "20040208159"  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/03/04<br>11:00 |
| S8   | 21      | zintel.in. and (npnp or upnp)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/03/04<br>12:35 |
| S9   | 176     | token with (control adj device)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/03/04<br>12:42 |
| S10  | 10      | S9 and "709".clas.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR                  | ON      | 2008/03/04<br>12:43 |
| S12  | 0       | ("2004/0208159").URPN.   | USPAT                          | OR                  | ON      | 2008/03/04<br>16:29 |
| S13  | 24      | upnp and message and (ssdp or<br>simple adj service adj discovery<br>adj protocol) and (cd or control<br>\$5 near1 device) and (cp or<br>contro\$5 near1 point)                    | USPAT                          | OR                  | ON      | 2008/03/04<br>16:51 |
| S14  | 20      | list and S13   | USPAT                          | OR                  | ON      | 2008/03/04<br>16:51 |
| S15  | 3746912 | (@ad<"20030416" or<br>@RLAD<"20030416")  | USPAT                          | OR                  | ON      | 2008/03/04<br>16:53 |
| S16  | 17      | list and S13 and<br>(@ad<"20030416" or<br>@RLAD<"20030416")  | USPAT                          | OR                  | ON      | 2008/03/04<br>16:53 |
| S17  | 7       | upnp and message and (ssdp or<br>simple adj service adj discovery<br>adj protocol) and (cd or control<br>\$5 adj1 device) and token  | USPAT                          | OR                  | ON      | 2008/03/04<br>16:59 |
| S18  | 7       | upnp and message and (ssdp or<br>simple adj service adj discovery<br>adj protocol) and (cd or control<br>\$5 adj1 device) and token and<br>(@ad<"20030416" or<br>@RLAD<"20030416") | USPAT                          | OR                  | ON      | 2008/03/04<br>16:59 |

| S19 | 7  | upnp and message and (ssdp or<br>simple adj service adj discovery<br>adj protocol) and (control\$5<br>adj1 device) and token and<br>(@ad<"20030416" or<br>@RLAD<"20030416")   | USPAT                          | OR | ON | 2008/03/04<br>17:00 |
|-----|----|---|--------------------------------|----|----|---------------------|
| S20 | 13 | upnp and message and (ssdp or<br>simple adj service adj discovery<br>adj protocol) and (control\$5<br>adj1 device) and token and<br>(@ad<"20030416" or<br>@RLAD<"20030416")   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:00 |
| S21 | 0  | (dong\$1shin adj2 jung).in.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:25 |
| S22 | 0  | (dong adj1 shin adj2 jung).in.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:26 |
| S23 | 0  | (dong-shin adj2 jung).in.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:26 |
| S24 | 0  | (dong near1 shin adj2 jung).in.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:26 |
| S25 | 0  | dong near1 shin adj2 jung   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:26 |
| S26 | 11 | (dong adj2 jung).in.  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:26 |
| S27 | 18 | (Jung-dong-shin\$.in.) or (jung<br>near2 dong near2 shin).in.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:31 |
| S28 | 58 | (Jung-dong-shin\$).in. or (jung near2 dong near2 shin\$).in. or (yi-kyoung-hoon\$).in. or (yi near2 kyoung near2 hoon\$).in. or (yook-hyun-gyoo\$).in. or (yook near2 hyun near2 gyoo\$). in. or (yoon-hyun-sik\$).in. or (yoon near2 hyun near2 sik\$) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:35 |
| S30 | 21 | controlled adj device and S28   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:37 |
| S31 | 1  | (contro\$4 adj device) and token<br>and \$28  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:37 |
| S32 | 25 | controlled adj device with token  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:40 |
| S33 | 1  | upnp and S32  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:40 |

| S34 | 805    | upnp and (contro\$5 adj device)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:41 |
|-----|--------|---|--------------------------------|----|----|---------------------|
| S35 | 362    | (control\$5 adj point) and S34  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:41 |
| S36 | 77     | alive and S35   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/04<br>17:42 |
| S37 | 16     | S36 and (@ad<"20030416" or<br>@RLAD<"20030416")   | USPAT                          | OR | ON | 2008/03/04<br>17:42 |
| S38 | 16102  | (receive\$3 near6 (messag\$3 or information\$2)) and (collect near6 (information or messag \$3)) and list and network   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>09:35 |
| S39 | 10653  | S38 and (@ad<"20030416" or<br>@RLAD<"20030416")   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>09:35 |
| S40 | 2808   | (home adj av adj<br>interoperability) or (universal<br>adj plug near2 play) or (home<br>adj wide adj web) or havi or<br>upnp or hww   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>09:37 |
| S41 | 88     | S39 and S40   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>09:37 |
| S42 | 31     | (control\$5 adj2 device) and (receive\$3 near6 (messag\$3 or information\$2)) and (collect near6 (information or messag \$3)) and list and network and (@ad<"20030416" or @RLAD<"20030416") and ((home adj av adj interoperability) or (universal adj plug near2 play) or (home adj wide adj web) or havi or upnp or hww) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>09:41 |
| S43 | 31     | (control\$5 adj2 device) and (receive\$3 near6 (messag\$3 or information\$2)) and (collect near6 (information or messag \$3)) and list and (@ad<"20030416" or @RLAD<"20030416") and ((home adj av adj interoperability) or (universal adj plug near2 play) or (home adj wide adj web) or havi or upnp or hww)             | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>09:56 |
| S44 | 865549 | Network or lan or wan or (peer near2 peer)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>10:47 |

| S45         | 805   | upnp and (contro\$5 adj device)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>10:52 |
|-------------|-------|---|--------------------------------|----|----|---------------------|
| S46         | 362   | (control\$5 adj point) and S45  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>10:52 |
| S47         | 77    | alive and S46   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>10:52 |
| S48         | 16    | S47 and (@ad<"20030416" or<br>@RLAD<"20030416")   | USPAT                          | OR | ON | 2008/03/05<br>10:52 |
| <b>S</b> 49 | 69655 | ("8" and ((Receiv\$3 or recept\$3 or collect\$3 or transmit\$5 or send\$3) same (Servic\$3 or updat \$3 or maintain\$4) same (Information or note or notif\$7 or message or data) same (Device or peripheral or computer or pc or server or node or controller or equipment) same (List\$3 or console or (control near3 point) or (central \$2 near3 location) or index or directory or registry or file or log))) not (S41 -6 or s6-s11 or s13-s14 or s16-s20 or s26-s33 or S48) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>10:52 |
| \$50        | 65784 | (S44 and ((Receiv\$3 or recept\$3 or collect\$3 or transmit\$5 or send\$3) same (Servic\$3 or updat \$3 or maintain\$4) same (Information or note or notif\$7 or message or data) same (Device or peripheral or computer or pc or server or node or controller or equipment) same (List\$3 or console or (control near3 point) or (central \$2 near3 location) or index or directory or registry or file or log))) not (S41 -6 or s6-s11 or s13-s14 or s16-s20 or s26-s33 or S48) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>10:54 |
| S51         | 14807 | S50 and "709".clas.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>10:55 |
| S52         | 4076  | S50 and 709/201,202,223,224.<br>ccls.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>10:56 |
| S53         | 4076  | S51 and S52   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/05<br>11:41 |
| S54         | 16156 | (receive\$3 near6 (messag\$3 or information\$2)) and (collect near6 (information or messag \$3)) and list and network   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |

| S55 | 10668  | S54 and (@ad<"20030416" or<br>@RLAD<"20030416")   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
|-----|--------|---|--------------------------------|----|----|---------------------|
| S56 | 2815   | (home adj av adj<br>interoperability) or (universal<br>adj plug near2 play) or (home<br>adj wide adj web) or havi or<br>upnp or hww   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
| S57 | 88     | S55 and S56   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
| S58 | 867641 | Network or lan or wan or (peer near2 peer)  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
| S59 | 806    | upnp and (contro\$5 adj device)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
| S60 | 363    | (control\$5 adj point) and S59  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
| S61 | 77     | alive and S60   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
| S62 | 16     | S61 and (@ad<"20030416" or @RLAD<"20030416")  | USPAT                          | OR | ON | 2008/03/06<br>12:13 |
| S63 | 66028  | \$3 or maintain\$4) same (Information or note or notif\$7 or message or data) same (Device or peripheral or computer or pc or server or node or controller or equipment) same (List\$3 or console or (control near3 point) or (central \$2 near3 location) or index or directory or registry or file or log))) not (\$57 -6 or \$6-\$11 or \$13-\$14 or \$16-\$20 or \$26-\$33 or \$62) | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
| S65 | 4084   | \$63 and 709/201,202,223,224. ccls.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
| S66 | 4084   | S64 and S65   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>12:13 |
| S70 | 61929  | "709".clas.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>16:23 |
| S71 | 64978  | S69 adn S70   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>16:23 |

| S72         | 31    | S69 and S70   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/06<br>16:23 |
|-------------|-------|---|--------------------------------|----|----|---------------------|
| S73         | 18    | S72 and (@ad<"20030416" or<br>@RLAD<"20030416")   | USPAT                          | OR | ON | 2008/03/06<br>16:24 |
| <b>S</b> 89 | 53    | ("5140585"   "5185860"   "5287103"   "5304992"   "5337309"   "5353399"   "5542047"   "5548722"   "5548725"   "5550979"   "5588119"   "5604869"   "5615389"   "5668952"   "5687320"   "5706210"   "5727157"   "5751967"   "5754767"   "5774667"   "5802300"   "5838907"   "5845081").PN. OR ("6021429"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2008/03/10<br>17:04 |
| S90         | 27    | "6725281"   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/11<br>11:17 |
| S91         | 253   | token with (time adj out)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/11<br>11:25 |
| S92         | 48    | token with (timeout or time adj<br>out) with list   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/11<br>11:35 |
| S95         | 32    | S94 and (@ad<"20030416" or<br>@RLAD<"20030416")   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/11<br>15:22 |
| S96         | 59    | (timer or timeout or time adjout) with list with device and (@ad<"20030416" or @RLAD<"20030416") and "709". clas.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/11<br>15:49 |
| S97         | 45686 | (timer or timeout or time adjout) with list with device and token (@ad<"20030416" or @RLAD<"20030416") and "709". clas.   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/11<br>15:56 |
| S98         | 13    | (timer or timeout or time adjout) with list with device and token and (@ad<"20030416" or @RLAD<"20030416") and "709".   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/11<br>15:56 |
| S101        | 126   | (timer or timeout or time adjout) with token and (@ad<"20030416" or @RLAD<"20030416") and "709".  | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/11<br>18:18 |
| S104        | 178   | (device near5 list) with (timer or timeout or time adj out)   | US-PGPUB;<br>USPAT;<br>IBM_TDB | OR | ON | 2008/03/12<br>14:47 |
| S105        | 63    | S104 and (@ad<"20030416" or<br>@RLAD<"20030416")  | USPAT                          | OR | ON | 2008/03/12<br>14:48 |

| S107 | 10659 | (send or sent or transf\$5 or<br>transm\$6) with (list or table)<br>near4 device   | US-PGPUB;<br>USPAT | OR | ON | 2008/03/12<br>17:05 |
|------|-------|--|--------------------|----|----|---------------------|
| S108 | 1697  | "709".clas. and S107   | US-PGPUB;<br>USPAT | OR | ON | 2008/03/12<br>17:06 |
| S111 | 249   | S108 and (@ad<"20030416" or<br>@RLAD<"20030416") and timer                         | US-PGPUB;<br>USPAT | OR | ON | 2008/03/12<br>17:07 |
| S112 | 1119  | S108 and (@ad<"20030416" or<br>@RLAD<"20030416") and<br>network                    | US-PGPUB;<br>USPAT | OR | ON | 2008/03/12<br>17:08 |
| S113 | 125   | S108 and (@ad<"20030416" or<br>@RLAD<"20030416") and<br>network and (time adj out) | US-PGPUB;<br>USPAT | OR | ON | 2008/03/12<br>17:08 |

3/13/2008 2:36:22 PM

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